3.NF.3 Parent Helper

I CAN EXPLAIN HOW TWO FRACTIONS CAN SOMETIMES BE EQUAL. I CAN SHOW WHOLE NUMBERS AS FRACTIONS. I CAN COMPARE FRACTIONS.

Your child is learning that fractions can be thought of numerically and can be compared.

Sample Problems:

What is greater, two-fourths or **three-fourths**?

Name a fraction equivalent to one-half. (2/4)

What is larger, **five-sixths** or five-eighths?

Tell how many wholes twenty-four eighths is. (3)

Vocabulary Terms:

Numerator

Denominator

Fraction

Halves, Thirds, Fourths...

Equivalent Fractions

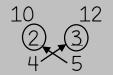Greater than, less than

Whole number

Need more resources?

www.thatquiz.org has a lot of fraction practice games your child can play at home. You can also do a google search of the standard "3.NF.3" or "Fraction games". There are lots of free fraction apps in the app store too.

Helping my child:

When the denominators (bottom number) are the same, the top number tells us what is the larger fraction. When the numerators are the same, the number with the smaller denominator is the larger fraction. (Sometimes students need to see this visually to understand why sixths are larger than eighths.) When calculating how many wholes in a fraction such as twenty-four eighths, simply divide the numerator by the denominator.

When comparing fractions that do not have a like denominator or numerator you can cross multiply. See example below. The greater fraction is the one with the larger product written above it.

Three-fifths is the larger fraction because the number twelve is above it.

$$\overset{10}{\underset{4}{\textcircled{2}}} \quad \overset{12}{\underset{5}{\textcircled{3}}}$$

Challenging my child:

Is this standard easy for your child? Challenge your child to make a fraction math test for you. Take the test and get some problems wrong on purpose. Encourage your child to 'teach' you how to solve the problems correctly. Look for fractions in every day life.